



Strategic Transformation Driving Profitable Growth

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Important Notice

Forward-Looking Statements Regarding Tender Offer

This presentation contains forward-looking information related to Takeda, ARIAD Pharmaceuticals, Inc. ("ARIAD") and the proposed acquisition of ARIAD by Takeda that involves substantial risks and uncertainties that could cause actual results to differ materially from those expressed or implied by such statements. Forward-looking statements in this presentation include, among other things, statements about the potential benefits of the proposed acquisition, anticipated earnings accretion and growth rates, Takeda's and ARIAD's plans, objectives, expectations and intentions, the financial condition, results of operations and business of Takeda and ARIAD, ARIAD's products, ARIAD's pipeline assets, and the anticipated timing of closing of the acquisition. Risks and uncertainties include, among other things, risks related to the satisfaction of the conditions to closing the acquisition (including the failure to obtain necessary regulatory approvals) in the anticipated timeframe or at all, including uncertainties as to how many of ARIAD's stockholders will tender their shares in the tender offer and the possibility that the acquisition does not close; risks related to the ability to realize the anticipated benefits of the acquisition, including the possibility that the expected benefits from the proposed acquisition will not be realized or will not be realized within the expected time period; the risk that the businesses will not be integrated successfully; disruption from the transaction making it more difficult to maintain business and operational relationships; negative effects of this announcement or the consummation of the proposed acquisition on the market price of Takeda's common stock and on Takeda's operating results; significant transaction costs; unknown liabilities; the risk of litigation and/or regulatory actions related to the proposed acquisition; other business effects, including the effects of industry, market, economic, political or regulatory conditions; future exchange and interest rates; changes in tax and other laws, regulations, rates and policies; future business combinations or disposals; the uncertainties inherent in research and development, including the ability to sustain and increase the rate of growth in revenues for ARIAD's products despite increasing competitive, reimbursement and economic challenges; whether and when any drug applications may be filed in any jurisdictions for any indications or any additional indications for ARIAD's products or for ARIAD's pipeline assets; whether and when the FDA or any other applicable regulatory authorities may approve any such applications, which will depend on its assessment of the benefit-risk profile suggested by the totality of the efficacy and safety information submitted; decisions by the FDA or other regulatory authorities regarding labeling and other matters that could affect the availability or commercial potential of ARIAD's products and ARIAD's pipeline assets; and competitive developments.

Many of these factors are beyond Takeda's control. Unless otherwise required by applicable law, Takeda disclaims any intention or obligation to update forward-looking statements contained in this presentation as the result of new information or future events or developments.



Important Notice

Additional Information Regarding Tender Offer

The tender offer described in this presentation has not yet commenced. This presentation is provided for informational purposes only and does not constitute an offer to purchase or the solicitation of an offer to sell any securities. At the time the tender offer is commenced, Takeda and its wholly owned subsidiary, Kiku Merger Co., Inc., intend to file with the Securities and Exchange Commission (the "SEC") a Tender Offer Statement on Schedule TO containing an offer to purchase, a form of letter of transmittal and other documents relating to the tender offer, and ARIAD intends to file with the SEC a Solicitation/Recommendation Statement on Schedule 14D 9 with respect to the tender offer. Takeda, Kiku Merger Co., Inc. and ARIAD intend to mail these documents to the ARIAD stockholders. Investors and shareholders should read those filings carefully when they become available as they will contain important information about the tender offer. Those documents may be obtained without charge at the SEC's website at www.sec.gov. The offer to purchase and related materials may also be obtained (when available) for free by contacting the information agent for the tender offer.



Strategic transformation driving profitable growth

VALUES	 New board of directors and enhanced governance (June 2016) Globalizing Takeda-ism and comprehensive compliance program Bold new Access to Medicines strategy (August 2016) 	
PEOPLE	 New organization and global functions (October 2014) Diverse Takeda Executive Team (9 nationalities) Extensive talent development investment 	
R&D	 Therapeutic area focus: GI, Oncology, CNS, and Vaccines Flexibility, agility, external focus to drive productivity R&D footprint concentrated in U.S. & Japan 	
BUSINESS PERFORMANCE	 Sales growth by expanding specialty business and building world-class capabilities in GI & Oncology Leveraging scale, driving efficiency 	

- Sustainable profit growth; Core Earnings % +1-2 pts per year



Strategic transformation driving profitable growth

- Executing business portfolio transformation
- Clear steps to continue driving profitable growth
 - 1 Deliver strong business performance
 - 2 Revitalize pipeline by transforming R&D
 - (3) Boost CE margin and unlock cash



Divestiture of Wako at an attractive price

- Takeda to sell its 71.2% stake in Wako Pure Chemical, a reagent manufacturing subsidiary, to Fujifilm at the price of ¥198.5Bn by April 2017
 - Wako revenue ¥79.4Bn in FY2015
 - No change to Takeda's FY2016 consolidated earnings forecast
 - One-time pre-tax gain: approx. ¥100Bn in FY2017 Q1
 - Cash impact: expected to exceed ¥100Bn
 - EV/EBITDA 19.9x
- Demonstrates Takeda's strategic focus
 - Divestiture of non-core assets
 - Unlocks cash to invest in core therapeutic areas



Takeda to acquire ARIAD Pharmaceuticals, significantly enhancing global oncology portfolio

- Highly strategic deal transforms global oncology portfolio and pipeline by expanding into solid tumors and reinforcing existing strength in hematology
- ARIAD is a Cambridge, MA based commercial-stage biotechnology company focused on targeted cancer therapeutics
- \$24.00 per share in cash (approximately \$5.2Bn enterprise value)
- Accretive to Underlying Core Earnings by FY2018 and generates immediate and long-term revenue growth
- Attractive value drivers include two very innovative precision medicines, Iclusig[®] (ponatinib) and brigatinib, an exciting early stage pipeline and cost synergies
- Consistent with strategy to invest in core therapeutic areas oncology,
 GI and CNS



Iclusig reinforces existing strength in hematology



- Globally commercialized product with continued strong sales growth potential
- CY2015 revenue: \$113M
 CY2016 guidance: \$170-180M
- Marketed in U.S. for a high unmet need subpopulation in CML and Ph+ ALL
- Potential to expand use into earlier lines of treatment
- Full FDA approval in November 2016

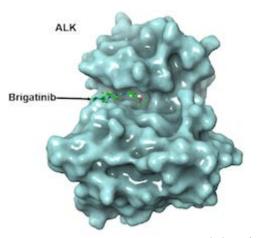
Broadens Takeda's hematology franchise into leukemia

Highly synergistic with existing portfolio in myeloma and lymphoma



Brigatinib expands presence in solid tumors

- Second generation small molecule ALK inhibitor for ALK+ NSCLC
- Potential best-in-class profile: maturing data show broad activity against resistance mutations, CNS penetration to address brain metastases and promising PFS
- Awarded Breakthrough Designation (Oct 2014), Orphan Drug
 Status (May 2016), and Priority Review (Oct 2016) by the FDA
- U.S. approval for 2nd-line indication expected by PDUFA date of April 29, 2017; EU submission expected in early 2017



source: www.ariad.com/

- Phase 3 study in 1st-line indication ongoing; opportunities for further studies and possible label expansion into other genetically-defined NSCLC subgroups
- Annual peak sales potential over \$1Bn with strong IP

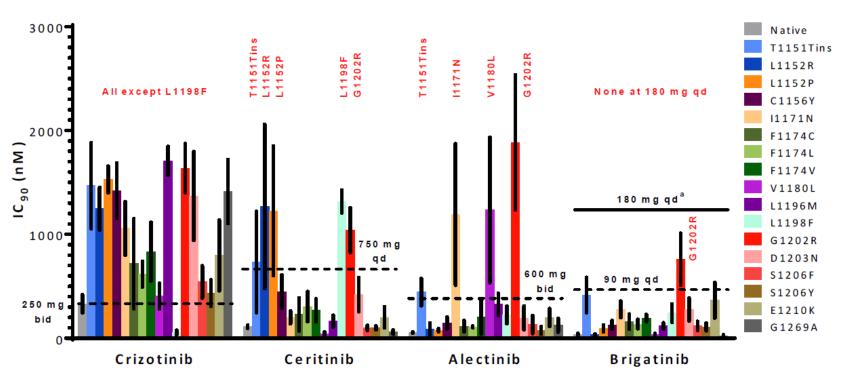
Strengthening Takeda's solid tumor franchise

- Experience and expertise to deliver a successful launch
- Supported by Takeda's promising proprietary early-stage pipeline in solid tumors

Executing business portfolio transformation – ARIAD Pharmaceuticals



Brigatinib exhibits a pan-inhibitory preclinical profile against ALK resistance mutants



Mean IC_{90} values are shown; error bars indicate standard deviation. Horizontal lines represent the "effective" C_{max} concentrations achieved in patients. (For brigatinib, dotted line is shown for 90 mg qd and solid line is shown for 180 mg qd.) Effective C_{max} concentrations are based on the geometric mean plasma C_{max} values at steady state at the approved or recommended phase 2 doses, corrected for the functional effects of protein binding in cellular assays. ALK variants with IC_{90} values in cellular assays that exceed the effective C_{max} are indicated in red above the graph

Extracted from Cambridge DR, et al. World Conference on Lung Cancer 2016

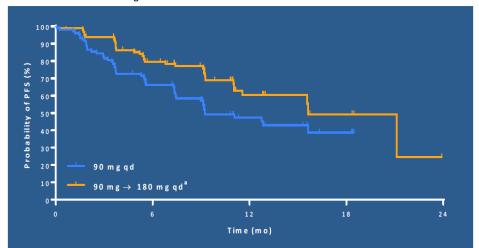
 $^{^{\}rm a}$ The IC $_{\rm 90}$ for G1202R exceeds the effective C $_{\rm max}$ for 90 mg qd, but not 180 mg qd, brigatinib

Executing business portfolio transformation – ARIAD Pharmaceuticals



Brigatinib: Independent Review Committeeassessed PFS by arm

Extracted from Camidge DR et al World Conference on Lung Cancer 2016



	Events/Total (%)	IRC-Assessed Median PFS (95% CI)	Hazard Ratio (95% CI) ^b
90 mg qd	52/112 (46)	9.2 months (7.4–not reached)	0.58
90 mg → 180 mg qd ^a	34/110 (31)	15.6 months (11.6–not reached)	(0.37–0.90)
^a 180 mg qd with 7-d lead-in at 90 m ^b Study was not designed to compar	_	wever, post hoc comparisons were perform	ed to support dose selection

Extracted from Reckamp KL et al World Conference on Lung Cancer 2016

Indirect comparison of mPFS post-crizotinib across studies*				
	Median (m) PFS mos [95% CI]	Source		
Ceritinib	6.9 [5.6-8.7] 7.2 [5.4-9.0]	ASCEND-1 ASCEND-2		
Alectinib	8.1 [6.2-12.6] 8.9 [5.6-12.8]	NP28761 NP28673		
Brigatinib	15.6 [11.6-not reached]	ALTA		

*Comparisons across trials may reflect differing patient populations and trial designs; head to head studies are needed to fully understand comparisons between products

A subset of pulmonary AEs with early onset occurred in six percent of all patients (in 3% of patients, events were grade 3 or higher); no such events occurred after dose escalation to 180 mg qd in Arm B. Most common treatment-emergent AEs, grade 3 or higher, were hypertension, increased CPK, pneumonia and increased lipase.

> Investigator-assessed median PFS was 8.8 mos (95% CI, 7.4–11.0 mos) at 90 mg and 15.6 mos (95% CI, 11.1 mos–not reached) at 180 mg (with lead-in)



Oncology pipeline (as of FY2016 Q2, with inclusion of portfolio from acquisition of ARIAD)

Phase 1 Phase 2 Phase 3 / Filed LCM

AP32788

EGFR/HER2 inhibitor
Non-small Cell Lung Cancer

TAK-202

CCR2 antagonist
Solid Tumors

TAK-243

UAE inhibitor
Solid Tumors

TAK-580

Pan-Raf kinase inhibitor Solid Tumors

TAK-659

SYK/FLT3 kinase inhibitor Hematologic malignancies, Solid Tumors

TAK-931

CDC7 inhibitor
Solid Tumors

pevonedistat

NAE inhibitor
High-Risk Myelodysplastic
Syndromes

TAK-117

PI3Kα isoform inhibitor Non-small Cell Lung Cancer

TAK-228

mTORC1/2 inhibitor Renal Cell Carcinoma Breast Cancer, Endometrial Cancer

brigatinib

ALK inhibitor

Non-small Cell Lung Cancer

ICLUSIG

BCR-ABL inhibitor
Chronic Myeloid Leukemia
Ph+ Acute Lymphoblastic
Leukemia

ADCETRIS

CD30 ADC Front Line Hodgkin Lymphoma Front Line Mantle T-cell Lymphoma Relapsed cutaneous T-cell Lymphoma

NINLARO

Proteasome inhibitor
Front Line Multiple Myeloma
Maintenance Multiple Myeloma
post-Stem Cell Transplant
Maintenance Multiple Myeloma
without Stem Cell Transplant
R/R AL Amyloidosis



Strategic deal with significant value creation for shareholders

- Iclusig CY2016 guidance of \$170-180M, and brigatinib annual peak sales potential over \$1Bn with strong IP. Takeda expects significant long-term revenue potential from these two lead assets
- Accretive to Underlying Core Earnings by FY2018 and broadly neutral in FY2017; strong revenue growth and synergy savings will offset increased S&M costs for brigatinib launch
- Takeda will leverage ARIAD's R&D capabilities and platform, and largely absorb its R&D costs within Takeda's existing R&D budget.
 G&A cost synergies will be fully captured by FY2018
- Funded by up to \$4.0Bn of new debt and the remainder from existing cash; post acquisition debt ratio is expected to remain investment grade
- Takeda retains financial flexibility with no impact on dividend policy



Transaction schedule

Period of tender offer	January to February 2017*
Completion of acquisition	By the end of February 2017**

^{*} The initial period of the tender offer will commence within 10 business days following execution of the merger agreement with ARIAD (January 8, 2017 (U.S.)), and will close 20 business days after commencement.

^{**} Fulfillment of the terms and conditions of the U.S. Antitrust Law and the satisfaction of certain other customary conditions are required to complete the acquisition.



Clear steps to continue driving profitable growth

- 1 Deliver strong business performance
- 2 Revitalize pipeline by transforming R&D
- 3 Boost CE margin and unlock cash





Strong H1 performance ahead of expectations

H1 FY2016 growth vs H1 FY2015, underlying basis

Revenue **+7.4%**

Growth Drivers +15.3% (GI, Oncology, CNS, Emerging Markets)

Core Earnings

+12.7%

Core Margin

+70bps

Core EPS

+49.3%

Operating FCF

+34%

Upward revision of full year guidance

Underlying Revenue	Mid single digit growth (%)
Underlying Core Earnings	Mid- to high-teen growth (%)
Underlying Core EPS	Low- to mid-teen growth (%)

Deliver strong business performance

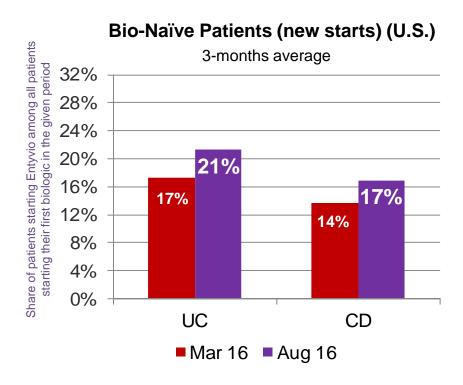




Entyvio on track to exceed \$2Bn sales in FY2018

Continued robust growth and uptake driven by excellent launch execution

- Approved in 55 countries
- MAT sales have exceeded \$1Bn;
 Takeda's No.1 product by sales
- Patient share in bio-naïve segment growing across the globe





Deliver strong business performance

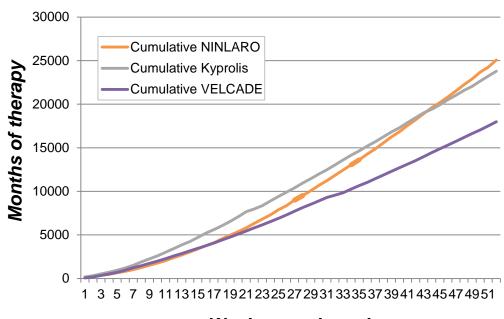




Off to a great start in the U.S., Approved in European Economic Area, Canada, Israel, Australia and Venezuela

- First oral proteasome inhibitor
- Efficacy, safety and convenience supports continuous therapy
- About one in 6 new patients in the relapsed refractory setting being started on NINLARO
- On track to be the most successful proteasome inhibitor launch to date

Cumulative Months of Therapy by Week (U.S.) (Treatment instance equivalents)



Weeks post launch



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R&D transformation on track

Goals of transformation:

- Therapeutic area focus builds on strengths and seizes opportunities
- Embrace external innovation and ecosystem
- Build essential capabilities
 - Modality diversification, translational medicine, data science, partnerships & collaborations
- Concentrate R&D footprint in Japan (Shonan) and U.S. (Boston)
- Annual savings of ¥18Bn; reinvest in future pipeline and external innovation

Progress to date:

- Significant expansion of external partnerships (Research, Development, Pipeline)
- Organization transformation progressing rapidly



Therapeutic area focus concentrates resources

Core Focus

Oncology

Gastroenterology (GI)

Central Nervous System (CNS)

- » High unmet patient need
- » Track record of recent successes
- » Deep scientific expertise

Vaccines

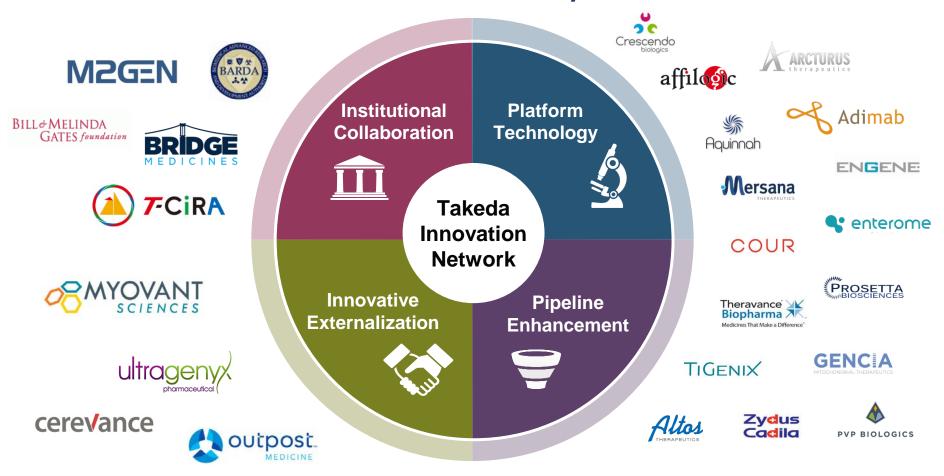
Committed to global public health





Becoming an industry-leading partner

almost 50 collaborations in the past 18 months





Oncology: Momentum toward global top 10 (1/2)

Takeda Global Oncology headquartered in Boston



Targeted approach to become a cornerstone in CD30+ malignancies

- Approved in 66 countries
- Becoming standard of care in R/R sALCL and R/R Hodgkin lymphoma
- New indications in Hodgkin lymphoma and T-Cell lymphomas serve high unmet need with potentially 4 fold increase in patient population



Unique profile to become one of the backbones of MM treatment

- Global submission and launch strategy
- On-track to deliver 3 indication expansions in 3 years; further LCM planned to support other combinations
- 80+ IISR programs, INSIGHT-MM observational study ongoing



Oncology: Momentum toward global top 10 (2/2)

Pipeline priorities

- Leverage protein quality control and ADC expertise to drive new programs
- Accelerate current high priority programs
- Identify new entry points in IO through strategic partnerships

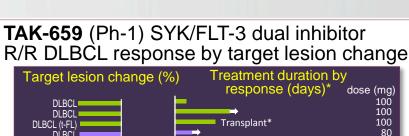
Extensive external collaboration

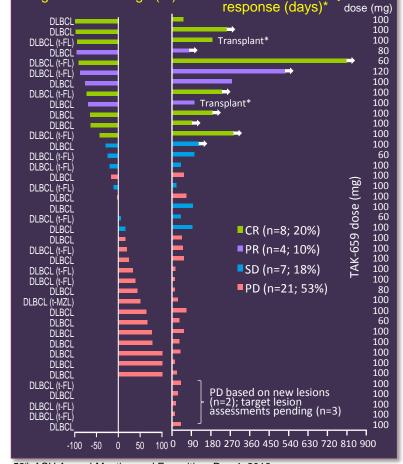




IO: Immuno-oncology

IMMUNOGEN, INC.





58th ASH Annual Meeting and Exposition, Dec 4, 2016.

Arrows →patients are ongoing on the study.

TAK-659 has acceptable safety profile to date: safety and efficacy will be further investigated.

R/R: relapsed / refractory
DLBCL: Diffuse Large B-Cell Lymphoma



GI: Seizing opportunity to lead in GI (1/2)

Maximizing the value of our strong GI franchise



Robust lifecycle program continues to progress

- CD mucosal healing
- Subcutaneous formulation
- Adalimumab head-to-head for UC
- Potential in Primary Sclerosing Cholangitis, Graft vs Host Disease, and IO colitis



Best-in-class for Acid Related Diseases

- Core product supporting No. 1 position in Japan
- Phase 3 study ongoing in China
- Phase 2b PPI partial responders global study underway





GI: Seizing opportunity to lead in GI (2/2)

Pipeline priorities

- Secure leadership with IBD portfolio
- Expand position in GI motility diseases
- Explore celiac, liver, and other GI diseases

Extensive external collaboration









PVP BIOLOGICS



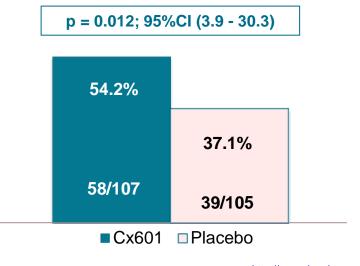




Cx601 (filed in the EU) novel stem cell platform; breakthrough treatment of complex perianal fistulas in CD

Licensed from TiGenix

Cx601 superior to placebo in achieving Combined Remission of Fistulas (52 Wk)



http://www.tigenix.com

Corporate Presentation 2016 Safety data show that Cx601 was reasonably tolerated in the study population



CNS: Delivering innovative medicines in neurology and psychiatry



Becoming the leading branded anti-depressant

- Differentiated, multi-modal mechanism of action
- Demonstrated efficacy in cognitive dysfunction and functional capacity in patients with depression; discussions ongoing with FDA regarding sNDA to include new data in label
- Phase 3 ongoing in Japan

Pipeline priorities

- Focus driven by high unmet patient need:
 - **Schizophrenia** (CIAS & negative symptoms)
 - **Depression** (treatment resistant depression)
 - **Neurodegenerative diseases** (dementia) & Rare CNS Diseases
- Addressing historical challenges in CNS development through patient selection biomarkers and sub-domain specific endpoints

External collaboration







Revitalize pipeline by transforming R&D



Vaccines: Strong pipeline relevant to developed and developing countries; emerging as partner of choice

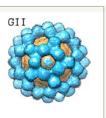
Two late-stage vaccine candidates

TAK-003 Dengue fever

- Phase 3 "TIDES" pivotal efficacy study progressing on track
- Goal is to demonstrate efficacy in all ages, and in "naïve" populations (e.g. travelers)
- Schedule of two doses over three months.

TAK-214 Norovirus

 Phase 2b field efficacy study ongoing



High profile external collaborations

TAK-426 Zika virus



- Funding awarded by BARDA
- Potential funding of up to \$312M
- Phase 1 clinical trial to start in FY2017

TAK-195 Polio



TAK-507 Chikungunya





Clear steps to continue driving profitable growth

- 1 Deliver strong business performance
- 2 Revitalize pipeline by transforming R&D
- 3 Boost CE margin and unlock cash



Boost Core Earnings margin 100-200bps/year

Progress in FY2016 H1

- ✓ Underlying Core Earnings +12.7%; margin up +70bps
- ✓ Project Summit ahead of plan
 - ¥100Bn of ¥120Bn cumulative 5-year savings target achieved after 3.5 years
- ✓ Better OPEX management
 - YTD SG&A ratio reduced by 140bps

Focus Areas

- Sustainably increase Underlying Core Earnings margin 100-200bps per year
- Scale up cost management initiatives
 - Roll-out manufacturing efficiency program ("AGILE")
 - Ramp up procurement savings (1.5-2x)
 - Create global business services
- Ensure P&L capture
- Full details with FY17 guidance in May



Unlock cash for incisive reinvestment

Progress in FY2016 H1

- ✓ Operating FCF +34% vs PY
- ✓ Inventory days reduced 14%
- ✓ Payables days extended 37%
- ✓ Divestiture of non-core assets:
 - Respiratory business
 - Teva JV
 - Wako

Focus Areas

- Boost Core Earnings margin
- Reduce working capital year after year
 - Extend payables
 - Inventory management
- Disciplined capital investment and M&A
- Unlock cash from balance sheet
 - Real estate
 - Shareholdings

Sustained profitable growth with dividend as key component of competitive shareholder returns

- Deliver strong business performance
- Revitalize pipeline by transforming R&D
- **Boost CE margin and unlock cash**

ISION 2025

We serve the needs of our patients, wherever they are. We earn the trust of society and customers through Takeda-ism. We are recognized as best in class because of agility and innovation, qualities that help us build a steady pipeline and deliver growth, year on year.

Global No.1 GI, Top 10 Oncology, and leading CNS company

Better Health, Brighter Future

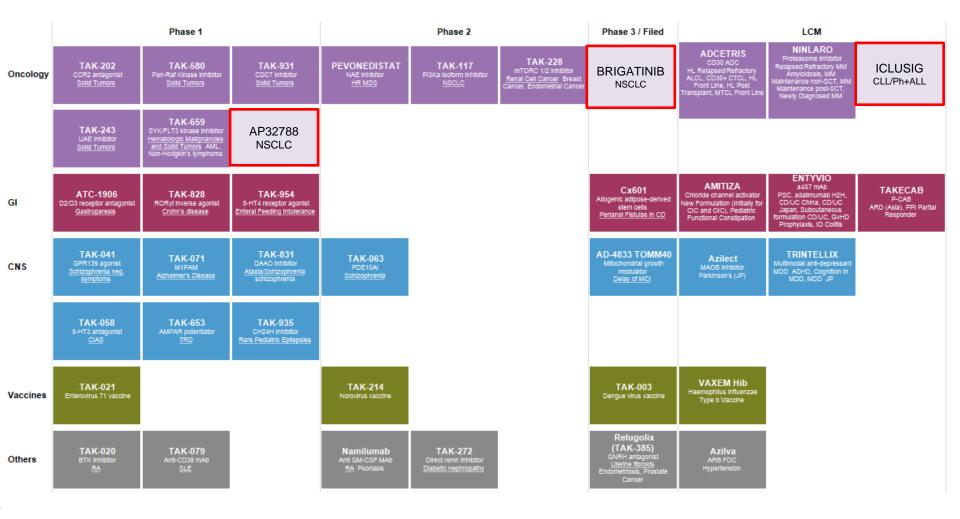


Takeda Pharmaceutical Company Limited

Executing business portfolio transformation – ARIAD Pharmaceuticals



Appendix A: Pipeline table (as of FY2016 Q2, with inclusion of portfolio from acquisition of ARIAD)





Appendix B: Takeda IR information

Investment Profile

(as of January 5, 2017)

Market Cap: \$33.4B

TSE: 4502

52 week high: 6,039 52 week low: 4,098

OTC: TKPYY

52 Week high: 25.40 52 week low: 19.96

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Upcoming IR events:

FY2016 Q3 Conference Call: February 1st, 2017